

=> d que

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L1      1140 SEA FILE=BIOSIS ABB=ON  PLU=ON  (COFFEE OR COFFEE W ARABICA) (5A
        ) (BEAN OR BERR? OR FRUITS OR SEEDS)
L2      801 SEA FILE=SCISEARCH ABB=ON  PLU=ON  (COFFEE OR COFFEE W
        ARABICA) (5A) (BEAN OR BERR? OR FRUITS OR SEEDS)
L3      644 SEA FILE=AGRICOLA ABB=ON  PLU=ON  (COFFEE OR COFFEE W ARABICA) (
        5A) (BEAN OR BERR? OR FRUITS OR SEEDS)
L4      2977 SEA FILE=CAPLUS ABB=ON  PLU=ON  (COFFEE OR COFFEE W ARABICA) (5A
        ) (BEAN OR BERR? OR FRUITS OR SEEDS)
L5      276 SEA FILE=EMBASE ABB=ON  PLU=ON  (COFFEE OR COFFEE W ARABICA) (5A
        ) (BEAN OR BERR? OR FRUITS OR SEEDS)
L6      5838 SEA (COFFEE OR COFFEE W ARABICA) (5A) (BEAN OR BERR? OR FRUITS
        OR SEEDS)
L19     3 SEA FILE=BIOSIS ABB=ON  PLU=ON  L1 AND (ALPHA GALATOSIDASE OR
        A-GALACTOSIDASE OR GALACTOSIDASE) AND (GALACTOMANNAN OR
        GLACTO-MANNAN OR MANNAN?)
L20     2 SEA FILE=SCISEARCH ABB=ON  PLU=ON  L2 AND (ALPHA GALATOSIDASE
        OR A-GALACTOSIDASE OR GALACTOSIDASE) AND (GALACTOMANNAN OR
        GLACTO-MANNAN OR MANNAN?)
L21     2 SEA FILE=AGRICOLA ABB=ON  PLU=ON  L3 AND (ALPHA GALATOSIDASE
        OR A-GALACTOSIDASE OR GALACTOSIDASE) AND (GALACTOMANNAN OR
        GLACTO-MANNAN OR MANNAN?)
L22     12 SEA FILE=CAPLUS ABB=ON  PLU=ON  L4 AND (ALPHA GALATOSIDASE OR
        A-GALACTOSIDASE OR GALACTOSIDASE) AND (GALACTOMANNAN OR
        GLACTO-MANNAN OR MANNAN?)
L23     0 SEA FILE=EMBASE ABB=ON  PLU=ON  L5 AND (ALPHA GALATOSIDASE OR
        A-GALACTOSIDASE OR GALACTOSIDASE) AND (GALACTOMANNAN OR
        GLACTO-MANNAN OR MANNAN?)
L24     19 SEA L6 AND (ALPHA GALATOSIDASE OR A-GALACTOSIDASE OR GALACTOSID
        ASE) AND (GALACTOMANNAN OR GLACTO-MANNAN OR MANNAN?)
L25     0 SEA FILE=BIOSIS ABB=ON  PLU=ON  ANTISENSE? AND L19
L26     0 SEA FILE=SCISEARCH ABB=ON  PLU=ON  ANTISENSE? AND L20
L27     0 SEA FILE=AGRICOLA ABB=ON  PLU=ON  ANTISENSE? AND L21
L28     1 SEA FILE=CAPLUS ABB=ON  PLU=ON  ANTISENSE? AND L22
L29     0 SEA FILE=EMBASE ABB=ON  PLU=ON  ANTISENSE? AND L23
L30     1 SEA ANTISENSE? AND L24
L31     0 SEA FILE=BIOSIS ABB=ON  PLU=ON  L1 AND PROMOTER AND ANTISENSE
L32     0 SEA FILE=SCISEARCH ABB=ON  PLU=ON  L2 AND PROMOTER AND
        ANTISENSE
L33     0 SEA FILE=AGRICOLA ABB=ON  PLU=ON  L3 AND PROMOTER AND ANTISENSE

L34     2 SEA FILE=CAPLUS ABB=ON  PLU=ON  L4 AND PROMOTER AND ANTISENSE
L35     0 SEA FILE=EMBASE ABB=ON  PLU=ON  L5 AND PROMOTER AND ANTISENSE
L36     2 SEA L6 AND PROMOTER AND ANTISENSE
L37     49 SEA FILE=BIOSIS ABB=ON  PLU=ON  L1 AND (SOLUBILITY OR SOLUBLE)

L38     44 SEA FILE=SCISEARCH ABB=ON  PLU=ON  L2 AND (SOLUBILITY OR
        SOLUBLE)
L39     20 SEA FILE=AGRICOLA ABB=ON  PLU=ON  L3 AND (SOLUBILITY OR
        SOLUBLE)
L40     263 SEA FILE=CAPLUS ABB=ON  PLU=ON  L4 AND (SOLUBILITY OR SOLUBLE)
L41     20 SEA FILE=EMBASE ABB=ON  PLU=ON  L5 AND (SOLUBILITY OR SOLUBLE)

L42     396 SEA L6 AND (SOLUBILITY OR SOLUBLE)
L49     7 SEA FILE=BIOSIS ABB=ON  PLU=ON  L37 AND GALACTOSIDASE?
L50     5 SEA FILE=SCISEARCH ABB=ON  PLU=ON  L38 AND GALACTOSIDASE?
L51     2 SEA FILE=AGRICOLA ABB=ON  PLU=ON  L39 AND GALACTOSIDASE?
L52     14 SEA FILE=CAPLUS ABB=ON  PLU=ON  L40 AND GALACTOSIDASE?
L53     3 SEA FILE=EMBASE ABB=ON  PLU=ON  L41 AND GALACTOSIDASE?

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L54 31 SEA L42 AND GALACTOSIDASE?
 L55 9 SEA FILE=BIOSIS ABB=ON PLU=ON L49 OR L31 OR L25 OR L19
 L56 6 SEA FILE=SCISEARCH ABB=ON PLU=ON L50 OR L32 OR L26 OR L20
 L57 3 SEA FILE=AGRICOLA ABB=ON PLU=ON L51 OR L33 OR L27 OR L21
 L58 23 SEA FILE=CAPLUS ABB=ON PLU=ON L52 OR L34 OR L28 OR L22
 L59 3 SEA FILE=EMBASE ABB=ON PLU=ON L53 OR L35 OR L29 OR L23
 L60 44 SEA L54 OR L36 OR L30 OR L24

=> d ti so 1-44 l60

L60 ANSWER 1 OF 44 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on
STN

TI Changes to the galactose/mannose ratio in **galactomannans** during
coffee bean (*Coffea arabica* L.) development:
Implications for in vivo modification of **galactomannan**
synthesis.

SO Planta (Berlin), (June 2003) Vol. 217, No. 2, pp. 316-326. print.
CODEN: PLANAB. ISSN: 0032-0935.

L60 ANSWER 2 OF 44 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on
STN

TI In vivo modification of the cell wall polysaccharide **galactomannan**
of guar transformed with a alpha-**galactosidase** gene cloned from
senna.

SO Molecular Breeding, (2001) Vol. 7, No. 3, pp. 211-219. print.
ISSN: 1380-3743.

L60 ANSWER 3 OF 44 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on
STN

TI Fagopyritol B1, O-alpha-D-galactopyranosyl-(1fwdarw2)-D-chiro-inositol, a
galactosyl cyclitol in maturing buckwheat seeds associated with
desiccation tolerance.

SO Planta (Berlin), (May, 1998) Vol. 205, No. 1, pp. 1-11. print.
CODEN: PLANAB. ISSN: 0032-0935.

L60 ANSWER 4 OF 44 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on
STN

TI Characterization of *Coffea canephora* alpha-D-**galactosidase** blood
group B activity.

SO Artificial Cells Blood Substitutes and Immobilization Biotechnology,
(1996) Vol. 24, No. 5, pp. 489-502.
ISSN: 1073-1199.

L60 ANSWER 5 OF 44 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on
STN

TI Three alpha-**galactosidase** genes of *Trichoderma reesei* cloned by
expression in yeast.

SO European Journal of Biochemistry, (1996) Vol. 240, No. 1, pp. 104-111.
CODEN: EJBCAI. ISSN: 0014-2956.

L60 ANSWER 6 OF 44 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on
STN

TI Epitopes recognized by serum anti-alpha-galactoside antibody are present
on brain glycoproteins in man.

SO Journal of Biosciences (Bangalore), (1993) Vol. 18, No. 2, pp. 187-193.
ISSN: 0250-5991.

L60 ANSWER 7 OF 44 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on
STN

- TI ALPHA-D **GALACTOSIDASE** EC-3.2.1.22 IMMOBILIZED ON A **SOLUBLE** POLYMER.
SO Enzyme and Microbial Technology, (1983) Vol. 5, No. 4, pp. 285-290.
CODEN: EMTED2. ISSN: 0141-0229.
- L60 ANSWER 8 OF 44 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI THE PREPARATION AND PROPERTIES OF AN ALPHA **GALACTOSIDASE** IMMOBILIZED ON A **SOLUBLE** SUPPORT.
SO Federation Proceedings, (1979) Vol. 38, No. 3 PART 1, pp. 418.
CODEN: FEPPA7. ISSN: 0014-9446.
- L60 ANSWER 9 OF 44 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI PROPERTIES OF POTATO LECTIN AND THE NATURE OF ITS GLYCO PROTEIN LINKAGES.
SO Biochemical Journal, (1978) Vol. 171, No. 3, pp. 665-674.
ISSN: 0264-6021.
- L60 ANSWER 10 OF 44 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI Changes to the galactose/mannose ratio in **galactomannans** during **coffee bean** (*Coffea arabica* L.) development: implications for in vivo modification of **galactomannan** synthesis
SO PLANTA, (JUN 2003) Vol. 217, No. 2, pp. 316-326.
Publisher: SPRINGER-VERLAG, 175 FIFTH AVE, NEW YORK, NY 10010 USA.
ISSN: 0032-0935.
- L60 ANSWER 11 OF 44 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI In vivo modification of the cell wall polysaccharide **galactomannan** of guar transformed with a alpha-**galactosidase** gene cloned from senna
SO MOLECULAR BREEDING, (10 JUL 2001) Vol. 7, No. 3, pp. 211-219.
Publisher: KLUWER ACADEMIC PUBL, SPUIBOULEVARD 50, PO BOX 17, 3300 AA DORDRECHT, NETHERLANDS.
ISSN: 1380-3743.
- L60 ANSWER 12 OF 44 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI Fagopyritol B1, O-alpha-D-galactopyranosyl-(1->2)-D-chiro-inositol, a galactosyl cyclitol in maturing buckwheat seeds associated with desiccation tolerance
SO PLANTA, (MAY 1998) Vol. 205, No. 1, pp. 1-11.
Publisher: SPRINGER VERLAG, 175 FIFTH AVE, NEW YORK, NY 10010.
ISSN: 0032-0935.
- L60 ANSWER 13 OF 44 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI CHARACTERIZATION OF COFFEA-CANEPHORA ALPHA-D-**GALACTOSIDASE** BLOOD-GROUP-B ACTIVITY
SO ARTIFICIAL CELLS BLOOD SUBSTITUTES AND IMMOBILIZATION BIOTECHNOLOGY, (1996) Vol. 24, No. 5, pp. 489-502.
ISSN: 1073-1199.
- L60 ANSWER 14 OF 44 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation. on STN
TI AMIDINE, AMIDRAZONE, AND AMIDOXIME DERIVATIVES OF MONOSACCHARIDE ALDONOLACTAMS - SYNTHESIS AND EVALUATION AS GLYCOSIDASE INHIBITORS
SO JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, (15 DEC 1993) Vol. 115, No. 25, pp. 11682-11690.

ISSN: 0002-7863.

- L60 ANSWER 15 OF 44 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation.
on STN
- TI EPITOPES RECOGNIZED BY SERUM ANTI-ALPHA-GALACTOSIDE ANTIBODY ARE PRESENT
ON BRAIN GLYCOPROTEINS IN MAN
- SO JOURNAL OF BIOSCIENCES, (JUN 1993) Vol. 18, No. 2, pp. 187-193.
ISSN: 0250-5991.
- L60 ANSWER 16 OF 44 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2005) on STN
- TI Changes to the galactose/mannose ratio in **galactomannans** during
coffee bean (*Coffea arabica* L.) development:
implications for in vivo modification of **galactomannan**
synthesis.
- SO Planta, June 2003. Vol. 217, No. 2. p. 316-326
Publisher: Berlin ; New York : Springer-Verlag, 1925-
CODEN: PLANAB; ISSN: 0032-0935
- L60 ANSWER 17 OF 44 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2005) on STN
- TI In vivo modification of the cell wall polysaccharide **galactomannan**
of guar transformed with alpha-**galactosidase** gene cloned from
senna.
- SO Molecular breeding : new strategies in plant improvement, 2001. Vol. 7,
No. 3. p. 211-219
Publisher: Dordrecht ; Boston : Kluwer Academic Publishers, c1995-
CODEN: MOBRFL; ISSN: 1380-3743
- L60 ANSWER 18 OF 44 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2005) on STN
- TI Fagopyritol B1, O-alpha-D-galactopyranosyl-(1 leads to
2)-D-chiro-inositol, a galactosyl cyclitol in maturing buckwheat seeds
associated with desiccation tolerance.
- SO Planta, May 1998. Vol. 205, No. 1. p. 1-11
Publisher: Berlin ; New York : Springer-Verlag, 1925-
CODEN: PLANAB; ISSN: 0032-0935
- L60 ANSWER 19 OF 44 CAPLUS COPYRIGHT 2005 ACS on STN
- TI Vegetable processing with enzymes.
- SO U.S. Pat. Appl. Publ., 13 pp., Cont.-in-part of U.S. Pat. Appl. 2003
134,006.
CODEN: USXXCO
- L60 ANSWER 20 OF 44 CAPLUS COPYRIGHT 2005 ACS on STN
- TI Enzymatic method of vegetable processing
- SO U.S. Pat. Appl. Publ., 14 pp., Cont.-in-part of U.S. 6,033,692.
CODEN: USXXCO
- L60 ANSWER 21 OF 44 CAPLUS COPYRIGHT 2005 ACS on STN
- TI Changes to the galactose/mannose ratio in **galactomannans** during
coffee bean (*Coffea arabica* L.) development:
implications for in vivo modification of **galactomannan** synthesis
- SO Planta (2003), 217(2), 316-326

CODEN: PLANAB; ISSN: 0032-0935

- L60 ANSWER 22 OF 44 CAPLUS COPYRIGHT 2005 ACS on STN
TI Transgenic coffee plant with reduced α -D- **galactosidase**
activity for preparing high quality **soluble** coffee
SO PCT Int. Appl., 26 pp.
CODEN: PIXXD2
- L60 ANSWER 23 OF 44 CAPLUS COPYRIGHT 2005 ACS on STN
TI Update on coffee biochemical compounds, protein and gene expression during
bean maturation and in other tissues
SO Colloque Scientifique International sur le Cafe (2001), 19th, 593-604
CODEN: CICRD8
- L60 ANSWER 24 OF 44 CAPLUS COPYRIGHT 2005 ACS on STN
TI Protein and cDNA sequences of xanthosine N7-methyltransferase (XMT) of
Coffea arabica and processes for producing caffeine-free beverages
SO U.S., 30 pp., Cont.-in-part of U.S. 6,075,184.
CODEN: USXXAM
- L60 ANSWER 25 OF 44 CAPLUS COPYRIGHT 2005 ACS on STN
TI In vivo modification of the cell wall polysaccharide **galactomannan**
of guar transformed with a α - **galactosidase** gene cloned
from senna
SO Molecular Breeding (2001), 7(3), 211-219
CODEN: MOBRFL; ISSN: 1380-3743
- L60 ANSWER 26 OF 44 CAPLUS COPYRIGHT 2005 ACS on STN
TI Studies on the development of functional oligosaccharides using amylases
and related enzymes
SO Journal of Applied Glycoscience (2000), 47(1), 87-97
CODEN: JAGLFX; ISSN: 1344-7882
- L60 ANSWER 27 OF 44 CAPLUS COPYRIGHT 2005 ACS on STN
TI Synthesis and properties of hetero-branched cyclodextrins
SO Journal of Applied Glycoscience (1999), 46(2), 217-225
CODEN: JAGLFX; ISSN: 1344-7882
- L60 ANSWER 28 OF 44 CAPLUS COPYRIGHT 2005 ACS on STN
TI Fagopyritol B1, O- α -D-galactopyranosyl-(1 \rightarrow 2)-D-chiro-
inositol, a galactosyl cyclitol in maturing buckwheat seeds associated
with desiccation tolerance
SO Planta (1998), 205(1), 1-11
CODEN: PLANAB; ISSN: 0032-0935
- L60 ANSWER 29 OF 44 CAPLUS COPYRIGHT 2005 ACS on STN
TI In vivo modification of guar gum using phosphomannose isomerase or
 α - **galactosidase** genes
SO PCT Int. Appl., 72 pp.
CODEN: PIXXD2
- L60 ANSWER 30 OF 44 CAPLUS COPYRIGHT 2005 ACS on STN
TI Characterization of Coffea canephora α -D- **galactosidase**
blood group B activity
SO Artificial Cells, Blood Substitutes, and Immobilization Biotechnology
(1996), 24(5), 489-502
CODEN: ABSBE4; ISSN: 1073-1199
- L60 ANSWER 31 OF 44 CAPLUS COPYRIGHT 2005 ACS on STN
TI Amidine, amidrazone, and amidoxime derivatives of monosaccharide

- aldonolactams: synthesis and evaluation as glycosidase inhibitors
SO Journal of the American Chemical Society (1993), 115(25), 11682-90
CODEN: JACSAT; ISSN: 0002-7863
- L60 ANSWER 32 OF 44 CAPLUS COPYRIGHT 2005 ACS on STN
TI Epitopes recognized by serum anti- α -galactoside antibody are present
on brain glycoproteins in man
SO Journal of Biosciences (Bangalore, India) (1993), 18(2), 187-93
CODEN: JOBSDN; ISSN: 0250-5991
- L60 ANSWER 33 OF 44 CAPLUS COPYRIGHT 2005 ACS on STN
TI Glycosidases of Ehrlich ascites tumor cells and ascitic fluid -
purification and substrate specificity of α -N-
acetylgalactosaminidase and α - **galactosidase**: comparison
with **coffee bean** α - **galactosidase**
SO Archives of Biochemistry and Biophysics (1990), 280(1), 61-7
CODEN: ABBIA4; ISSN: 0003-9861
- L60 ANSWER 34 OF 44 CAPLUS COPYRIGHT 2005 ACS on STN
TI α -D- **Galactosidase** immobilized on a **soluble**
polymer
SO Enzyme and Microbial Technology (1983), 5(4), 285-90
CODEN: EMTED2; ISSN: 0141-0229
- L60 ANSWER 35 OF 44 CAPLUS COPYRIGHT 2005 ACS on STN
TI Enzymic hydrolysis, fine structure, and gelling interaction of legume-seed
D-galacto-D-**mannans**
SO Carbohydrate Research (1979), 71, 205-30
CODEN: CRBRAT; ISSN: 0008-6215
- L60 ANSWER 36 OF 44 CAPLUS COPYRIGHT 2005 ACS on STN
TI Action of α - **galactosidase** on glycoprotein from human
 β -erythrocytes
SO Biochemical and Biophysical Research Communications (1971), 45(2), 514-18
CODEN: BBRCA9; ISSN: 0006-291X
- L60 ANSWER 37 OF 44 CAPLUS COPYRIGHT 2005 ACS on STN
TI Enzyme treatment of **coffee beans**. III. Purification
and some properties of galactanase from *Rhizopus niveus*
SO Nippon Nogei Kagaku Kaishi (1969), 43(12), 831-6
CODEN: NNKKA4; ISSN: 0002-1407
- L60 ANSWER 38 OF 44 CAPLUS COPYRIGHT 2005 ACS on STN
TI Action of **coffee bean** α - **galactosidase**
on some **galactomannans**
SO Carbohydrate Research (1967), Volume Date 1966, 3(2), 141-51
CODEN: CRBRAT; ISSN: 0008-6215
- L60 ANSWER 39 OF 44 CAPLUS COPYRIGHT 2005 ACS on STN
TI Blood group P1 substance. II. Immunological properties
SO Biolioteca Hematol. (1964), Volume Date 1962, No. 19, 230-4
- L60 ANSWER 40 OF 44 CAPLUS COPYRIGHT 2005 ACS on STN
TI Preliminary report on water-**soluble** oligosaccharides and
polysaccharides of green coffee (*Coffea canephora*, var. *robusta*)
SO Cafe, Cacao, The (1963), 7, 231-6
CODEN: CACAAY; ISSN: 0007-9510
- L60 ANSWER 41 OF 44 CAPLUS COPYRIGHT 2005 ACS on STN
TI Properties of **galactomannans**

- SO Tappi (1964), 47(1), 39-42
CODEN: TAPPAP; ISSN: 0039-8241
- L60 ANSWER 42 OF 44 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN
- TI An efficient, regioselective and fast enzymatic glycosylation for
cyclodextrins.
- SO Tetrahedron Letters, (8 Dec 2003) 44/50 (8987-8989).
Refs: 24
ISSN: 0040-4039 CODEN: TELEAY
- L60 ANSWER 43 OF 44 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN
- TI Characterization of Coffea canephora α -D- **galactosidase**
blood group B activity.
- SO Artificial Cells, Blood Substitutes, and Immobilization Biotechnology,
(1996) 24/5 (489-502).
ISSN: 1073-1199 CODEN: ABSBE4
- L60 ANSWER 44 OF 44 EMBASE COPYRIGHT 2005 ELSEVIER INC. ALL RIGHTS RESERVED.
on STN
- TI Amidine, amidrazone, and amidoxime derivatives of monosaccharide
aldonolactams: Synthesis and evaluation as glycosidase inhibitors.
- SO Journal of the American Chemical Society, (1993) 115/25 (11682-11690).
ISSN: 0002-7863 CODEN: JACSAT

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	coffee adj plant same (reduced or reduction or reduce) same galactosidase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/21 13:28
S1	49125	coffee or coffea adj arabica	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:12
S2	34524	galactosidase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:12
S3	54	galacto adj5 mannans	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:13
S4	1101	galactomannans	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:13
S5	9	galacto-mannans	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:13
S6	603	S1 and (S2 or S3 or S4 or S5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:14
S7	278	(antisense or anti-sense or anti adj sense) and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:15
S8	275	S7 and (transform\$ or transgen\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:16
S10	1	csp1 adj4 promoter and S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:18
S11	272	promoter and S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:18
S12	28	storage adj5 promoter and S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:18

S13	183	(solubility or soluble) and (S12 or S11)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:19
S14	43	S13 and \$mannan\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:20
S15	54	S12 or S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:21
S16	43	S15 and (solubility or soluble) and promoter and \$mannan\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:23
S18	43	S16 and \$promoter\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:25
S19	42	S16 and galactosidase\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:37
S20	49125	coffee or coffea adj arabica	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:29
S21	34524	galactosidase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:29
S22	54	galacto adj5 mannans	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:29
S23	1101	galactomannans	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:29
S24	9	galacto-mannans	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:29
S25	603	S20 and (S21 or S22 or S23 or S24)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:29

S26	278	(antisense or anti-sense or anti adj sense) and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:29
S27	275	S26 and (transform\$ or transgen\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:29
S28	272	promoter and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:29
S29	28	storage adj5 promoter and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:29
S30	183	(solubility or soluble) and (S29 or S28)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:29
S31	43	S30 and \$mannan\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:29
S32	54	S29 or S31	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:29
S33	43	S32 and (solubility or soluble) and promoter and \$mannan\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:29
S35	2	coffee adj plant same (reduced or reduction or reduce) same galactosidase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:41
S39	25	plant same (reduced or reduction or reduce) same galactosidase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/14 19:45